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**Form PTO-1449** (modified)

List of Patents and Publications for Applicant's

**INFORMATION DISCLOSURE STATEMENT**

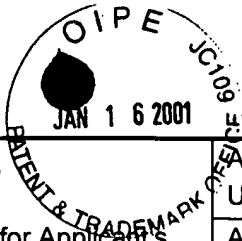
(Use several sheets if necessary)

Atty. Docket No.  
UNTD:011Serial No.  
09/602,803Applicant  
EDWARD A. HUBBARDFiling Date:  
JUNE 23, 2000Group:  
2761**RECEIVED**  
JAN 19 2001  
Technology Center 2100U.S. Patent Documents  
See Pages 1-2Foreign Patent Documents  
See Page 2Other Art  
See Page 3**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
115	A1	4,669,730	06/02/87	Small	273	138	
115	A2	4,815,741	03/28/89	Small	273	138	
115	A3	5,056,019	10/08/91	Schultz et al.	364	405	
115	A4	5,332,218	07/26/94	Lucey	273	138	
115	A5	5,483,444	01/09/96	Heintzeman et al.	364	401	
115	A6	5,598,566	01/28/97	Pascucci et al.	395	750	
115	A7	5,703,949	12/30/97	Rosen	380	21	
115	A8	5,802,062	09/01/98	Gehani et al.	370	465	
115	A9	5,815,793	09/29/98	Ferguson	455	3.1	
115	A10	5,826,265	10/20/98	Van Huben et al.	707	8	
115	A11	5,862,325	01/19/99	Reed et al.	395	200.31	
115	A12	5,884,072	03/16/99	Rasmussen	395	600	
115	A13	5,909,540	06/01/99	Carter et al.	395	182.02	
115	A14	5,916,024	06/29/99	Von Kohorn	463	40	
115	A15	5,918,229	06/29/99	Davis et al.	707	10	
118	A16	5,921,865	07/13/99	Scagnelli et al.	463	17	
118	A17	5,937,192	08/10/99	Martin	395	705	
118	A18	5,958,010	09/28/99	Agarwal et al.	709	224	
115	A19	5,966,451	10/12/99	Utsumi	380	49	
118	A20	5,970,469	10/19/99	Scroggie et al.	705	14	
115	A21	5,970,477	10/19/99	Roden	705	32	
115	A22	5,987,506	11/16/99	Carter et al.	709	213	
118	A23	6,003,065	12/14/99	Yan et al.	709	201	

Examiner: *Adel*Date Considered: *Oct 15, 2003*

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**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
AS	A24	6,009,455	12/28/99	Doyle	709	201	
AS	A25	6,014,634	01/11/00	Scroggie et al.	705	14	
AS	A26	6,024,640	02/15/00	Walker et al.	463	17	
AS	A27	6,026,474	02/15/00	Carter et al.	711	202	
AS	A28	6,052,785	04/18/00	Lin et al.	713	201	
AS	A29	6,058,393	05/02/00	Meier et al.	707	10	
AS	A30	6,061,660	05/09/00	Eggleston et al.	705	14	
AS	A31	6,070,190	05/30/00	Reps et al.	709	224	
AS	A32	6,094,654	07/25/00	Van Huben et al.	707	8	
AS	A33	6,112,225	08/29/00	Kraft et al.	709	202	
AS	A34	6,112,304	08/29/00	Clawson	713	156	
AS	A35	6,112,181	08/29/00	Shear et al.	705	1	
AS	A36	6,115,713	09/05/00	Pascucci et al.	707	10	
AS	A37	6,148,335	11/14/00	Haggard et al.	709	224	
AS	A38	6,148,377	11/14/00	Carter et al.	711	147	
AS	A39	6,151,684	11/21/00	Alexander et al.	714	4	

**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
AS	B1						

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**Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
MS	C1	Brian Hayes, "Computing Science: Collective Wisdom," <i>American Scientist</i> , March-April 1998
MS	C2	Steve Lawrence, et al., "Accessibility of information on the web," <i>Nature</i> , Vol. 400, pp. 107-109, July 1999
MS	C3	Steve Lawrence, et al., "Searching the World Wide Web," <i>Science</i> , Vol. 280, pp. 98-100, April 3, 1998
MS	C4	Steve Lawrence, et al., "Context and Page Analysis for Improved Web Search," <i>IEEE Internet Computing</i> , pp. 38-46, July-August 1998
MS	C5	Vasken Bohossian, et al., "Computing in the RAIN: A Reliable Array of Independent Nodes," California Institute of Technology, September 24, 1999
MS	C6	"A White Paper: The Economic Impacts of Unacceptable Web-Site Download Speeds," Zona Research, Inc., pp. 1-17, April 1999
MS	C7	Peter J. Sevcik, "The World-Wide-Wait Status Report," <i>Northeast Consulting Resources, Inc.</i> , Global Internet-Performance Conference, October 14, 1999
MS	C8	"White Paper: Max, and the Objective Measurement of Web Sites," WebCriteria, Version 1.00, pp. 1-11, March 12, 1999
MS	C9	Renu Tewari, et al., "Design Considerations for Distributed Caching on the Internet," pp. 1-13, May 1999
MS	C10	"Measuring and Improving Your E-Commerce Web Site Performance with Keynote Perspective," Keynote Systems, pp. 1-15, March 29, 2000
MS	C11	Sullivan, et al., "A New Major SETI Project Based On Project Serendip Data and 100,000 Personal Computers," Proc of the Fifth Intl Conf on Bioastronomy IAU Colloq No. 161, pp. 729-734, 1997

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
AS	A44	5,893,075	4/6/99	Plainfield et al.	705	14	
AS	A45	5,887,143	3/23/99	Saito et al.	395	200	
AS	A46	5,768,504	6/16/98	Kells et al.	395	187.01	
AS	A47	5,842,219	11/24/98	High, Jr. et al.	707	103	
AS	A48	6,374,254	4/16/02	Cochran et al.	707	102	
AS	A49	5,402,394	3/28/95	Turski	368	10	

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
AS	B1	01/73545	4 OCT 01	WO			English
AS	B2	01/14961	1 MAR 01	WO			English

## Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
AS	C26	distributed.net: The fastest computer on Earth: Feb 08, 1999, <a href="http://web.archive.org/web/19990221230053/http://distributed">http://web.archive.org/web/19990221230053/http://distributed</a>
AS	C27	London et al., "POPCORN - A Paradigm for Global-Computing", THESIS UNIVERSITY JERUSALEM, June 1998 (1998-06)
AS	C28	Takagi H. et al., "Ninplet: a migratable parallel objects framework using Java", JAVA FOR HIGH-PERFORMANCE NETWORK COMPUTING, Syracuse, NY, USA, 2/1998, Vol. 10, No. 11-13, pp 1063-1078.
AS	C29	Waldspurger, C.A. et al., "Spawn: a distributed computational economy" IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, IEEE INC., NY, US, 2/1992, Vol. 18, No. 2, pp. 103-117

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**Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
<i>AS</i>	C30	Neary, M. O., et al., "Javelin: Parallel computing on the internet" FUTURE GENERATIONS COMPUTER SYSTEMS, ELSEVIER SCIENCE PUBLISHERS, Amsterdam, NL, 10/1999, Vol. 15, no. 5-6, pp. 661-664
<i>AS</i>	C31	Foster, Ian et al., "The Physiology of the Grid," This is a DRAFT document and continues to be revised. Version 2/17/2002
<i>AS</i>	C32	Douceur, John R. et al., "A Large-Scale Study of File-System Contents," Microsoft Research, Redmond, WA 98052, May 1999
<i>AS</i>	C33	Bolosky, William J. et al., "Feasibility of a Serverless Distributed File System Deployed on an Existing Set of Desktop PCs," Microsoft Research, Redmond, WA 98052, June 2000

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**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
15	A40	5,964,832	10/12/99	Kisor	709	202	
15	A41	5,655,081	08/05/97	Bonnell et al.	395	200.32	
15	A42	5,978,594	11/02/99	Bonnell et al.	395	837	
15	A43	5,740,549	04/14/98	Reilly et al.	705	14	

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**Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
15	C12	Caronni, et al., "How Exhausting is Exhaustive Search?" RSA Laboratories' CryptoBytes, Vol. 2, No. 3, pp. 2-6, Jan-Mar 1997.
15	C13	Bricker, et al., "Condor Technical Summary," Computer Sciences Dept., University of Wisconsin, Version 4.1b, pp.1-10, Jan. 28, 1992.
15	C14	Fields, "Hunting for Wasted Computing Power-New Software for Computing Networks Puts Idle PC's to Work," 1993 Research Sampler, University of Wisconsin, pp. 1-5, 1993.
15	C15	Anderson, et al., "SETI@home: Internet Distributed Computing for SETI," A New Era in Bioastronomy, ASP Conference Series, Vol. 213, pp. 511-517, 2000.
15	C16	Bowyer, et al., "Twenty Years of Serendip, the Berkeley SETI Effort: Past Results and Future Plans," Astronomical and Biochemical Origins and the Search for Life in the Universe, pp. 667-676, 1997.
15	C17	Litzkow, et al., "Condor - A Hunter of Idle Workstations," The 8 <sup>th</sup> International Conf. on Distributed Computing Systems, pp.104-111, 1988.
15	C18	Hamidzadeh, et al., "Dynamic Scheduling Techniques for Heterogeneous Computing Systems," Concurrency: Practice and Experience, Vol. 7(7), pp. 633-652, 1995.

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## Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>AS</i>	C19	Grimshaw, et al., "The Legion Vision of a Worldwide Virtual Computer," Communications of the ACM, Vol. 40, No. 1, pp. 39-45, 1997.
<i>AS</i>	C20	Catlett, et al., "Metacomputing," Communications of the ACM, Vol. 35, No. 6, pp. 44-52, 1992.
<i>AS</i>	C21	Foster, et al., "Globus: A Metacomputing Infrastructure Toolkit," The International Journal of Supercomputer Applications and High Performance Computing, Vol. 11, No. 2, pp. 115-128, 1997.
<i>AS</i>	C22	Mutka, et al., "The Available Capacity of a Privately Owned Workstation Environment," Performance Evaluation 12 (1991) pp. 269-284.
<i>AS</i>	C23	Sullivan, et al., "A New Major SETI Project Based on Project Serendip Data and 100,000 Personal Computers," Astronomical and Biochemical Origins and the Search for Life in the Universe, 5 <sup>th</sup> International Conference on Bioastronomy, IAU Colloquium No. 161, pp. 729-734, 1996.
<i>AS</i>	C24	Gelernter, "Domesticating Parallelism," IEEE Computer, Aug. 1986, 19(8), pp. 12-16.
<i>AS</i>	C25	Goldberg, et al., "A Secure Environment for Untrusted Helper Applications-Confining the Wily Hacker," 6 <sup>th</sup> USENIX Security Symposium, pp. 1-13, 1996.

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